

THE BULLETIN

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Commitment to Academic Freedom Reaffirmed

BY BRUCE ROLSTON

THE UNIVERSITY WILL NOT allow its determination to increase private support to compromise its academic freedom and autonomy, says President Robert Prichard.

Prichard used an opportunity to address Academic Board Nov. 27 to state in no uncertain terms that there can be no question of the university's dedication to its core ideals. U of T's dedication to free inquiry can only increase its attractiveness to private supporters, not detract from it, he said.

"In my experience, benefactors are attracted to support the university not in spite of, but rather because of, the university's academic autonomy and vitality. It would be a serious mistake, in my opinion, to presume the opposite of any of the university's many benefactors."

"Our private benefactors support the University of Toronto because they believe in the institution as a

university. Their support helps the university more fully realize its academic priorities."

Prichard said he was responding to suggestions made by the U of T Faculty Association and other groups that the 1996 agreement between U of T and private supporter Peter Munk establishing the Munk Centre for International Studies somehow compromised academic freedom or gave the donor undue influence over academic inquiry.

Critics had pointed to the contract, which they said could be interpreted as saying that Munk desired to intrude on the autonomy of the university and the academic freedom of faculty.

Prichard vehemently stated that was never the intention. "Mr. Munk wishes it to be unequivocally clear that it was not his intention to place any constraint on the university's autonomy or the academic

~ See ACADEMIC: Page 3 ~

Modelling the Latest in Computer Wear

BY STEVEN DE SOUSA

THE DEPARTMENT OF Electrical and Computer Engineering has a new professor. And he's what you might call a "smart" dresser.

For Steve Mann is a believer in the power of wearable computers. A walking exhibition of his own ideas, Mann has constructed a whole cyber outfit that works as a camcorder, e-mail, cellular phone, pager, thermostat and much more. And he packs it all in a vest and a pair of sunglasses.

The 35-year-old Hamilton native recently completed his PhD at the Massachusetts Institute of Technology in a new field of study that he helped to define. His work focuses on what he calls humanistic intelligence, building machines that synergize with humans. "There's an interesting symbiosis of human and machine intelligence in which I'm suddenly making use of the machine's intelligence and it's making use of mine," he said.

Mann sees his cybersuit as a very simple extension of himself, performing lower-level functions while high-level functionality comes from his brain. For example, the device might infer based on his

respiration or heart rate that a picture should be taken, but it would consult with the human operator for a final say, he says.

He built his first wearable computer almost 20 years ago while still a high-school student in Hamilton. Back then his principle interest was in photography and filmmaking, so he developed the first "photographer's assistant": a cumbersome computerized backpack and helmet complete with flash bulbs and antenna.

"This is what makes Steve Mann a very unique individual," said Professor Safwat Zaky, chair of electrical and computer engineering. "He comes to engineering as an artist who got interested in computer engineering as a means of doing some of the things he wanted in the arts."

The practical aspects of wearable computers are almost limitless including enhancing memory and vision to increasing personal safety, Mann says.

One of the main features of his wearable computer is the visual imaging provided by the video camera built onto his glasses. The apparatus works as a visual memory prosthetic that he hopes may find use in an increasingly aging

~ See MODELLING: Page 4 ~

FESTIVE PEOPLE



With the holiday season approaching, Hart House held its annual Festive Eve on Dec. 3 in the Great Hall. House committee secretary Sandra Lowe (left) and Santa (Nadine Charabian) are seen here in front of another House tradition, the 10-metre Christmas tree. For information on holiday season closings, see page 2.

ROB ALLEN

Bronfmans Give \$2 Million for Israeli Studies Chair, Scholarships

A\$2 MILLION GIFT FROM Andrea and Charles Bronfman will establish a chair in Israeli studies and provide financial support to U of T students for research and study in Israel.

The Andrea and Charles Bronfman Chair in Israeli Studies will work with scholars in a variety of disciplines in the Faculty of Arts and Science to foster teaching and research on modern Israeli society. The university will add \$1 million to the Bronfmans' \$1.5 million contribution towards the chair's endowment.

The gift also includes \$500,000 that will be matched by U of T and the province through the Ontario Student Opportunity Trust Fund to create a \$1.5 million student aid endowment. The Andrea and Charles Bronfman Student Award Fund in Israeli Studies help U of T attract the best undergraduate and graduate students and create new opportunities for these students to study and conduct research in Israel.

"Fifty years after its rebirth, the miracle of modern Israel is of broad

interest," said Charles Bronfman. "Andy and I are happy that students at U of T will have the opportunity to delve into the social, political and economic revolutions that have taken place within this remarkable country."

Donors Andrea and Charles Bronfman are internationally recognized for their contribution to educational exchange programs that foster an understanding of the challenge and opportunities facing Jewish people.

Professor Carl Amrhein, the dean of arts and science, said the gift was crucial to attaining U of T's goal of becoming one of the foremost places in the world for the study of modern Israel.

Arts and science has developed a broad base of research and teaching on Israel. In political science, interests include the study of the Israeli experience with proportional representation, the Israeli approach to civil liberties, power-sharing arrangements in contested areas and foreign policy. As well, work done in anthropology and sociology

includes Israeli immigration, national movements, ethnicity and multiculturalism.

The gift was celebrated Dec. 3 with the university's inaugural Andrea and Charles Bronfman Lecture, given by *New York Times* columnist Thomas Friedman. Friedman is a two-time Pulitzer Prize winner for his foreign reporting in Beirut and Jerusalem from 1979 to 1989 and is the author of *From Beirut to Jerusalem*, which was on the *Times'* best-seller list for 12 months.

Friedman spoke at the lecture about the imperatives of the Middle East peace process, calling for what he termed the "75 for 75" solution. Under this peace-seeking framework, Friedman urged the government to seek the support of 75 per cent of Israelis for the return of 75 per cent of the West Bank to the Palestinian Authority. Starting points for negotiating a real peace such as this one are necessary if Israelis are to see an end to the daily threat of violence with which they live, Friedman said.

IN BRIEF



Christmas closing

THE UNIVERSITY WILL BE CLOSED FROM 5 P.M. FRIDAY, DEC. 19 TO Monday, Jan. 5 when normal activities will resume. During this period all buildings on the St. George campus will be closed with the exception of Hart House (978-2452), the Athletic Centre (978-3436), the U of T Bookstore (978-7900) and some libraries. The libraries (Robarts, Gerstein Science Information Centre, engineering and OISE/UT) will be closed Dec. 24, 25, 26, 31 and Jan. 1 (OISE/UT will also be closed Dec. 27, 28, Jan. 2 and 4); please check the ad on page 6 regarding open hours. Buildings on the St. George campus will be locked at 5 p.m., Dec. 19, also the date of the last outside garbage pickup; service will resume Jan. 5. As in previous years the university intends to take advantage of this period of low activity to reduce energy consumption although essential services will be maintained to critical areas. Any security issues or breakdown of building systems should be reported immediately to the campus police at 978-2323. The Scarborough campus will be closed; at Mississauga the athletic facilities will be available but the hours will be restricted (905-828-3711).

Frye Awards presented

THE 1997 NORTHROP FRYE AWARDS, RECOGNIZING FACULTY MEMBERS and divisions demonstrating exemplary linkages between teaching and research, were presented Nov. 26 at Hart House. The departmental/divisional prize of \$6,000 went to the Faculty of Medicine for its undergraduate course Health, Illness and the Community, developed in 1994 by Professor Donald Wasylewski of psychiatry as part of a curriculum renewal process. Individual \$2,000 awards, given for distinguished achievements in linking teaching and research, were presented to Professors Wayne Sumner of the Department of Philosophy and Murray Urowitz of the Department of Medicine; recipients are known as Northrop Frye Scholars. Named after celebrated English professor Northrop Frye, the awards are co-sponsored by the U of T Alumni Association and the provost.

Rabinovitch receives researcher endowment

PROFESSOR MARLENE RABINOVITCH OF PEDIATRICS AND THE HOSPITAL for Sick Children is one of three recipients of a new researcher endowment, an initiative unveiled last month by the Heart and Stroke Foundation of Ontario. Her appointment to the joint University of Toronto, Hospital for Sick Children and Heart and Stroke Foundation of Ontario Chair in Cardiovascular Research is part of a \$2 million investment in each endowed researcher, guaranteeing the researchers perpetual funding. The Heart and Stroke Foundation's goal is to have 10 such research chairs across the province in the next few years.

AWARDS & HONOURS



Faculty of Medicine

PROFESSOR PETER COLLINS OF PSYCHIATRY WAS made a fellow of the International Criminal Investigative Analysis Fellowship at its annual symposium held in Wimberley Texas. This is an organization of FBI and FBI-affiliated criminal profilers; Collins is the first non-law-enforcement officer to be made a member.

PROFESSOR TONY GRAHAM AT THE DEPARTMENT of Medicine and chief of cardiology at Wellesley Central Hospital has been awarded the Queen's University Alumni Achievement Award, given annually to a graduate who "demonstrates the high ideals imparted by a university education." Graham was honoured for his 21 years of work with the Heart and Stroke Foundation; he has developed popular exercise programs, public education materials and standards for CPR training and worked to develop nutritional guidelines and the promotion of a healthy diet.

PROFESSORS ROBERT HILLIARD AND RAYFEL SCHNEIDER were the first recipients of undergraduate teaching awards introduced by Department of Paediatrics. Hilliard was awarded the Dr. R. H. Haslam Pre-clerkship Teaching Award for his many years of commitment to undergraduate medical teaching and education; Schneider was given the Clerkship Teaching Award. Both awards are given based on nominations by students and faculty members.

PROFESSOR WERNER KALOW OF PHARMACOLOGY was awarded the Drug Information Association's Distinguished Career Award at the association's annual meeting in Montreal. He was honoured for his "outstanding contribution to pharmaceutical development."

PROFESSOR ANDRAS KAPUS OF SURGERY HAS BEEN awarded the 1996 Elsie Winifred Crann Memorial Trust Award for excellence in medical research by the U of T Life Sciences Committee. The \$35,000 award, given each year to junior faculty working in

the areas of breast cancer or pulmonary, kidney and urinary diseases, will support his research on adult respiratory distress syndrome.

PROFESSOR JOSEPH MAPA OF HEALTH ADMINISTRATION and chief operating officer, Mount Sinai Hospital, is the 1997 recipient of the American College of Healthcare Executives Ontario Regent's Award, given in recognition of leadership, innovation and contributions to the development of others in the healthcare profession and distinguished participation in the field. The award was presented at the college's breakfast during the Ontario Hospital Association convention Nov. 4.

PROFESSOR PAULA ROCHE OF THE DEPARTMENT of Medicine was a guest editor of the *British Medical Journal's* theme issue on aging published Oct. 25. The issue was published simultaneously with almost 100 other medical journals as part of a global effort to bring the world's attention to the importance of aging.

PROFESSOR KATHY SIMINOVITCH OF THE DEPARTMENT of Medicine is the recipient of the 1997 Henry Kunkel Young Investigator Award, given to a young scientist who is a member of the American College of Rheumatology and who has made an important contribution to the field of Rheumatology. Siminovitch has identified a gene that plays a critical role in the development of systemic autoimmune disease such as systemic lupus erythematosus.

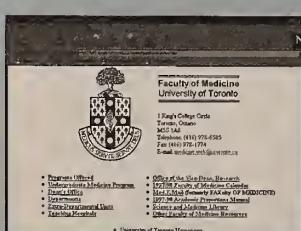
Woodsworth College

ALEX WAUGH, VICE-PRINCIPAL AND REGISTRAR OF Woodsworth College was awarded the *Anello Dottorale* (doctoral ring) by the rector of the University of Siena, Professor Piero Tosi, Nov. 13. The honour was bestowed as part of the activities celebrating the 757th academic year of the University of Siena; it commemorates the 25-year connection between the University of Siena and U of T and recognizes the efforts that Waugh has made over the years to establish and consolidate ties between the two universities.

ON THE INTERNET

FEATURED SITE

Faculty of Medicine research office on line



The research office of the Faculty of Medicine serves the research community by encouraging, facilitating and coordinating the development and maintenance of research activities in all areas of the faculty. This Web site provides

information on educational programs on research ethics as well as information on funding; it is also linked to the U of T Research Services and the Faculty of Medicine's homepages. In addition there is a funding information gopher document that provides information from the Faculty of Medicine Research Bulletin, complementary to UTRS Research Updates. The location is: gopher://ut1.library.utoronto.ca:70/11gopher_root70:[_research_research_bulletin]

<http://ut1.library.utoronto.ca/www/medicine/research/FMRO/HOME.HTM>

SITES OF INTEREST

U of T HOME PAGE

www.utoronto.ca

THE CAMPAIGN FOR U OF T

www.uoftcampaign.com

RESEARCH UPDATES (NOTICES)

[gopher://ut1.library.utoronto.ca:70/11gopher_root70:\[_research_research_updates\]](gopher://ut1.library.utoronto.ca:70/11gopher_root70:[_research_research_updates])

PHD ORALS

www.sgs.utoronto.ca/phd_orals.htm

U OF T JOB OPPORTUNITIES

www.utoronto.ca:80/jobopps

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In the "Hart" of the U of T

As stated in The Founder's Prayer of 1919, "Hart House is a meeting place for students to discover... the true education that is to be found in good fellowship, in friendly disputation and debate, in the conversation of [the] wise and earnest..., in music, pictures and the play, in the casual book, in sports and games and the mastery of the body." All U of T degree students are entitled to membership and facility use at Hart House while senior membership is available to alumni of recognized universities and U of T staff and faculty.

<http://www.utoronto.ca/harthouse/>

A cruise through the Barnicke

The Justina M. Barnicke Gallery at Hart House is certainly a treasure house of historical and contemporary art, including the works of the Group of Seven. Art buffs can view past and present exhibitions, plus access listings of special events such as films, lectures and gallery openings. There's also information for artists interested in exhibiting their works.

<http://www.utoronto.ca/gallery/>

HOME AWAY FROM HOME



By September 1999, 449 graduate students will be calling this residence, to be built on the northeast corner of Harbord Street and Spadina Avenue, home. The design, picked from over 40 North American firms, is by Stephen Teeple Architect Inc. An exhibition on view until Dec. 18 at the Faculty of Architecture building traces the evolution of this future landmark.

Women's Locker Plan Approved

WOMEN USERS OF THE ATHLETIC CENTRE CAN look forward to greatly improved locker space in the future.

A plan to split the overlarge men's locker-room in half to give women a proper space for changing clothing was approved by two of U of T's governing bodies at the end of last month. Construction on the \$1.5 million project, to include renovated washrooms, showers and change rooms, will begin in 1998.

Women currently use a locker-room in the 40-year-old Clara Benson Building, while the men's change room is located close to the 50-metre pool, in the newer Warren Stevens Building. The distance from their change room to the pool has been a sore point for women users for many years, as was the inadequate plumbing and ventilation in their current locker-room. Improving the facilities for women was seen as a key priority by the Department of Athletics and Recreation's 1994 gender equity task force.

The existing men's locker-room is almost twice the size of the women's, with proper amenities and air conditioning. After first considering and rejecting a

plan to switch the men's and women's locker-rooms, a departmental users' committee has recommended splitting the men's space instead. Professor Bruce Kidd, acting director of the department, says there will be no interruption in locker-room service while the renovations are proceeding.

Once the renovations are complete, Kidd also hopes funds can be found to turn the existing women's locker-room into new strength fitness facilities for the growing number of users who participate in weight training and other such exercises.

Not everybody approves of the decision, however. The Council on Student Services, which oversees requests for increases to student non-academic fees, opposes the decision on the grounds that students have not been sufficiently consulted. Over half the new cost of the renovations (\$755,000) is coming from student services funds with the rest from the Department of Athletics and Recreation budget.

The decision, which was approved by the University Affairs Board Nov. 25 and Academic Board Nov. 27, goes before Governing Council in February.

Academic Commitment Restated

Continued from Page 1 ~
freedom of its members." Prichard added that Munk had written to him, inviting the university to make any changes to the contract necessary to remove any ambiguity on this point. On no occasion over the past five years as the plans for the centre were developed had Munk made any suggestion or request that in any way undermined academic freedom or the university's autonomy, he said.

"It should be clear that in making these amendments, both U of T and Mr. Munk are only reaffirming views on the nature of this university that have long been held," Prichard said.

A graduate of the Faculty of

Applied Science and Engineering, Munk has served as chair of the University of Toronto Foundation for the past four-and-a-half years and has given to support the university's work in engineering, medicine and international studies. "Mr. Munk has responded positively to everything the university has asked of him as a volunteer and benefactor. He is a remarkable friend of the university," Prichard said, adding, "our agreement enables the completion of a wonderful project that will enhance considerably the work of the University of Toronto in the area of international studies."

Prichard said Provost Adel Sedra is looking at the university's

procedures on gifts so that in future even the perception that a gift could infringe on the university's domain will be avoided.

Academic Board chair Roger Beck praised the president's action in putting to rest any concerns relating to the Munk gift, saying it would be good for the morale of U of T's international scholars. "It's important to have the president restate his commitment to fundamentals when these sort of concerns are raised. While there may have been nothing inappropriate in the actual agreement, the president felt that the academics who were going to be most involved in the centre must not be left uncomfortable," he said.

Centre Levy Passes

BY BRUCE ROLSTON

THE NEW STUDENT CENTRE FOR the Mississauga campus is back on track; Erindale students voted to ante up their own funds to complete the project.

In a referendum held Nov. 26-27 students voted 70 per cent in favour of a new \$52 levy, to be imposed once the building is opened. After 10 years that fee will drop to \$25 as future students continue to contribute to the building's operating costs. In total, students will raise \$1 million towards the \$6 million cost of the centre.

Rami Herzallah, a member of the Erindale College Students Union, said students at Erindale are just as cash-strapped as students elsewhere but most saw a real need for a student centre at the suburban campus, located some distance from downtown Mississauga. "It will be a beautiful building and one that's badly needed on this campus," he said.

Slightly over 10 per cent of students voted in the referendum, one of the highest turn-outs in recent years for a student vote.

Fund raising for the centre began in 1994 with a \$1 million donation from local developer Ignat Kaneff. Students have already contributed around \$1.2 million raised through annual levies for the centre.

University of Toronto at Mississauga principal Robert

McNutt and Provost Adel Sedra both promised \$500,000 each from their discretionary funds towards the project if the student vote passed. The referendum victory leaves the centre project just \$1 million short of its total capital goal.

Planning and construction will go ahead even as that remaining \$1 million is being raised, McNutt said. The student levy will also cover the interest costs on a mortgage loan to cover the remaining amount, he said. The centre is expected to open in mid-1999.

McNutt praised students for once again stepping up to support the centre campaign. "I think students have realized they need a convenient place to gather," he said. "This part of the campaign has been going on for a long time. It's time to finish it." The new centre would include everything from quality student eating facilities to a room for Muslim religious observances, McNutt said.

The good news came just as UTM launched its portion of the U of T campaign, with a launch party at the principal's residence on Dec. 3. The student support comes as a great boost for the campaign team said Kaneff, now one of two campaign chairs.

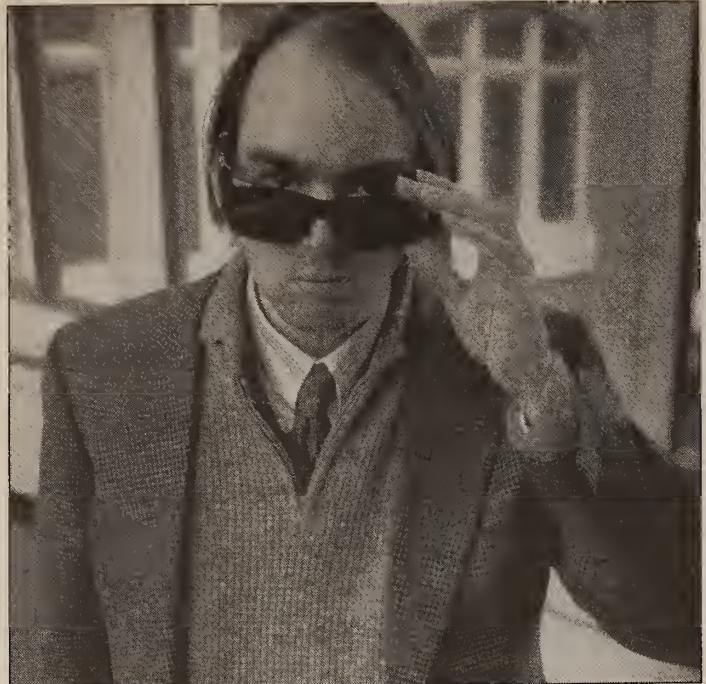
"It's very important for students to be able to get together, to exchange views, to relax. Our students should get the best," Kaneff said.

ACCLAIM FOLLOWS HER



Novelist Jane Urquhart returned to U of T Dec. 1 to read from her new best-seller, *The Underpainter*, at Hart House Theatre. The event, organized by the U of T Bookstore, also featured novelists Nino Ricci and Margaret Gibson. Urquhart was U of T's presidential writer-in-residence last year.

JEWEL RANDALL



New electrical and computer engineering professor Steve Mann.

Modelling Computer Wear

Continued from Page 1 ~
population, some of whom may have trouble remembering where they're going. People could retrace their steps by looking into the computer screen built into the sunglasses and viewing images of where they've been, he suggests.

Another application is a system that helps the visually impaired see better. "I've got an adjustment on this thing so that my wife who wears contact lenses finds she can see through these glasses very well without her contact lenses," he said. Indeed, he has refined a design he

first proposed to the Canadian National Institute for the Blind into a system of wearable radar, whereby the wearer can feel objects pressing against his or her body before ever making contact.

Mann's acceptance of a teaching position is a real coup for the university at a time when many institutions across the country are suffering from "brain drain," a direct result of funding cuts to postsecondary education, Zaky said. "This is a wonderful gain for us. We're very pleased that we've been able to attract him to come back to Canada."

BY STEVEN DE SOUSA

THE PROVOST HAS A NEW PERSON to consult when he's looking for a bit of information — or just information on bits.

Professor Jack Gorrie of electrical and computer engineering has been appointed to the new position of provost's adviser on information technology. "I'd already been advising Simcoe Hall informally for probably a year or more," Gorrie says. "It was a way for them to formalize the relationship."

The university has been making substantial investments in information technology recently, most notably through a commitment to upgrade the university's fibre-optic backbone, the creation of the Information Commons and the commissioning of new administrative management and student records systems.

"It's quite important that these and future initiatives move forward in an integrated manner," said Provost Adel Sedra. "Jack has done a superb job of developing and directing the Engineering Computing Facility and brings a wealth of knowledge and managerial talent to academic computing."

While other universities have chief information officers or vice-presidents of computing, U of T is avoiding creating such an authoritative figure who would make all

decisions on all things electronic, Gorrie said.

"I think people should appreciate this role is advisory, not regulatory," Gorrie said. "In part this reflects U of T's decentralization and the need to do things in a more collegial and collaborative manner rather than directing from the centre."

Gorrie has served on a provostial task force on academic computing, the academic advisory committee of the computer management board and on various groups that advised on the student records system. In 1982 he designed the Engineering Computing Facility



Jack Gorrie

which serves the computing needs for the Faculty of Applied Science and Engineering.

While Gorrie's primary focus will be on academic computing, his

mandate overlaps other areas including administrative computing, the student records system, the library and even telecommunications. Current projects include finding more efficient ways to spend the current \$6 million allocated annually for telephone services. He is also chairing the committee that's looking into upgrading the computer backbone to accommodate the burgeoning use of the Internet.

Gorrie will also be looking at standardizing telecommunications tools across campus, making purchasing easier and more economical, he said. A second advantage to making technology more uniform will come at midnight on Dec. 31, 1999. The year 2000 is expected to cause havoc with many computer programs that code dates using a typical six digit code that begins with the last two digits of the year, mistakenly recognizing the year 2000 as 1900.

This "2000 bug" is one of the reasons Gorrie hopes to have a new student record system in place in the next couple of years. The financial and research information systems already use the four-digit code and the human resources system will soon be caught up, he says. "You may see some programs in different departments, but I don't think that will be a major problem for the university as a whole," he said.



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The Lucius O'Brian watercolour University College, 1876 showing Taddle Creek in its heyday.

RESURRECTING TADDLE CREEK

BY MICHAEL RYNOR

FOR DECADES IT HAS BEEN buried underfoot. In spring its rumbling is audible beneath Philosopher's Walk and outside Hart House: rushing water thrashing beneath non-descript sewer grates, asphalt streets and manicured lawns. Swept under a carpet of city minutia, Taddle Creek waits.

Although it would be impossible to ever reconstruct the entire path of this once vibrant waterway, enthusiasts have long hoped that major portions of the creek would someday flow above ground. Today, the most serious attempt ever to "daylight" Taddle Creek is underway, headed by a U of T student whose theoretical project has taken on a life of its own.

Supported by various neighbourhood groups, Eduard Sousa, a cultural anthropology and environmental studies student, now heads a steering committee of eight people dedicated to regenerating downtown's hidden watercourse. "Right now we've established this steering committee to keep all the various parties who are interested in Taddle Creek informed and aware of each other's activities because there are going to be various projects happening along the creek's course," said Sousa.

For example, Wychwood Park, an enclave of stately Victorian mansions in Toronto's west end, wants to restore their moribund pond in an ecologically sensitive way. Although the pond

hasn't been dredged or properly maintained for many years, it's still a tranquil and lovely spot and an important part of the Taddle Creek water system.



Eduard Sousa

Grass Roots Albany, a neighbourhood group in the Annex area, wants to bring back the portion of the creek that once ran behind a number of houses. Numerous homeowners have already started planting naturalized gardens with native plants and trees in an effort to restore part of the ecosystem that once thrived there. Another neighbourhood group, The Old Town 1793 Project, wants to purchase land for a park near Parliament and Front Streets to acknowledge both the site of the earliest parliament buildings of Upper Canada and the mouth of the Taddle. The site is currently a bus and car wash.

Aesthetics aside, there's a practical reason to exhume Taddle Creek. Every year some neighbourhoods along the old watercourse are plagued by water seepage onto properties and

into basements. Residents believe digging up Taddle Creek properly will put an end to this annual nuisance.

U of T has also expressed interest in using the part of the creek that runs under Philosopher's Walk, Sousa said. He is hoping Facilities and Services will go one step further and include storm water management and habitat restoration in these plans. "What I'm trying to get across to the university community and others is that there are a number of different initiatives being considered and we have to try and keep in mind a greater vision," said Sousa. "My opinion is that Taddle Creek still exists and it exists as groundwater and this water still tries to make its way up and it still floods buildings and yards."

Sousa also wants to use this project to acknowledge the "buried natural history, the buried native history and the buried European history" that is symbolized by the ancient Taddle waterway.

City councillor Dan Leckie has initiated plans for a \$50,000 grant from the Parks Department at Toronto City Hall for a feasibility study and Sousa has approached the university to match this amount to study the Philosopher's Walk section. The project already has the full support of Mayor Barbara Hall, he said. "There's been a real thrust on the city's part to find alternative solutions for storm water management and I think restoring parts of the Taddle will play into that."

Stadium Development Considered

U OF T WILL EXPLORE THE POSSIBILITY of leasing the north end of its Varsity Stadium site, Professor Michael Finlayson, vice-president (administration and human resources), announced late last month.

Finlayson told Academic Board at its Nov. 27 meeting that the time had come to explore replacing the 22,000-seat stadium with a smaller

athletic playing field and a leasable frontage of land along Bloor Street. The large, aging stadium is a drain on university resources, Finlayson said, and the potential for development along its northern edge is huge.

Development of the Bloor Street frontage for commercial purposes represents an opportunity to accomplish several worthwhile

objectives, Finlayson said. "Development will improve the quality of the athletic facilities the university provides its students while removing a deteriorating facility that is a drain on the resources of the athletics department, remove a long-standing eyesore from the north end of campus and generate a substantial stream of revenue for the university from an unproductive asset."



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Information Commons Benefits from Bank's Gift

BY KATE ECCLES

THE SCOTIABANK GROUP OF companies has pledged \$2.2 million to U of T to enhance student access to leading edge technology within the library system. The contribution will allow the university to move ahead with the next phase of its \$9 million Information Commons project.

The newly renamed Scotiabank Information Commons is an innovative system of electronic services and resources housed in the Robarts

Library. With the gift the library will be able to double the size of the Information Commons, expanding the number of Pentium workstations to 160. It will also see 100 new workstations added with ongoing technology upgrading to two other libraries in science/medicine and engineering. The gift will allow a greater number of U of T students to access their own e-mail accounts, the World Wide Web, electronic journals, books in digital format and a variety of software packages. The gift will also enable U of T to expand its

distance education initiatives by providing web access to shared class materials and other resources through the library.

Chief librarian Carole Moore said the gift would help Robarts provide students with top-of-the-line access to the information highway. "These resources will be of immense benefit to the entire university community but they will be especially appreciated by the many U of T students who do not have their own personal computers. It will also expand the reach of Robarts Library to students

and scholars worldwide," she said.

Expansion plans also include an Imaging Centre, incorporating high-speed, high-resolution scanning devices to capture visual and aural materials. Assisting students through the Scotiabank Information Commons, and individual faculty members campus-wide via the network, the Imaging Centre will create opportunities for the latest CD-ROM technologies. The centre will also provide the U of T community with the opportunity to create their own multimedia materials.

The pledge includes a donation from Scotia Capital Markets to support other U of T projects such as the refurbishment of the library at Victoria University, teaching

and research materials for the Rotman School of Management and student bursaries in the Department of Philosophy. Funds have also been designated for the Centre for Neurodegenerative Diseases.

Peter Godsoe, chair and CEO of Scotiabank, said it is crucial that universities have the resources to ensure they can offer the best services to students. "Our economic future depends on our ability to create, use and manage knowledge as effectively — more effectively — than the rest of the world. By supporting the Scotiabank Information Commons, we are making a powerful commitment to that future — and to the ability of our young people to compete."

Parkinson's Research Enhanced

UOF T'S ABILITY TO DEVELOP new and better approaches to the treatment, prevention and cure of Parkinson's disease has been significantly enhanced thanks to a \$1 million pledge from philanthropists Jack and Mary Clark. The gift, to be matched by the university, will create the Jack Clark Chair in Parkinson's Disease Research in Centre for Research in Neurodegenerative Diseases.

The new chair will contribute to finding a cure for Parkinson's disease as well as help train a new generation of specialists through the Faculty of Medicine.

Dean Arnold Aberman of the Faculty of Medicine praised the gift, saying it would help U of T play a lead role in finding a cure for Parkinson's within a decade.

Affecting more than 100,000 Canadians annually, Parkinson's is a disease of motion that progressively shuts down critical areas of the brain and seriously impairs a person's ability to function. Symptoms can

begin as early as age 40 with patients complaining of tremors of the hand, arm or leg, difficulty with writing, slowness of movement, stiffness of muscles, halting speech, impaired gait and a tendency to fall.

UNIVERSITY OF TORONTO
the campaign

Some highlights of U of T's multidisciplinary research activities in the area of Parkinson's disease research include studying new pharmacological compounds that might slow down the progression of the disease; research into deeply implanted brain electrodes; determining the genetic basis of Parkinson's; investigating cellular change in sufferers of the disease; and research into the transplantation of dopamine-producing cells into the brains of Parkinson's patients as a form of treatment.

"We are thrilled to be able to help U of T in this important initiative,"

says donor Mary Clark. "Both my husband and I hope it's the University of Toronto's Faculty of Medicine that turns the key to unlock the mysteries behind this disabling disease."

A 1950 U of T graduate, John Clark received his bachelor of applied science in mining. He co-founded and built a successful international mining machinery manufacturing company in North Bay in the 1970s. In the 1980s he created a second company in Denver, Colorado. He is currently president of John Hayes Clark Investments Ltd.

The gift is the third \$1 million pledge received by the centre in recent months, following similar pledges by philanthropist Mark Tanz and the family of Jeno Diener. The centre is the leader of its kind in Canada, achieving international scientific acclaim for its work in the genetics of neurological diseases such as Parkinson's, Alzheimer's and amyotrophic lateral sclerosis (also known as Lou Gehrig's disease).

AHONG KONG CONSTRUCTION magnate has given \$1 million gift to create the Dexter Hung-Cho Man Chair in Cardiology. With matching funds from the university, Man's gift establishes a \$2 million endowment to support the chair.

The holder of the new chair will conduct research in the area of cardiology, help train a new generation of cardiac specialists through the Faculty of Medicine and work with more than 90 faculty holding clinical appointments in cardiology at six of U of T's affiliated teaching hospitals. The first chair holder will be Dr. Duncan Stewart, director of U of T's division of cardiology and chief of cardiology at St. Michael's Hospital.

One in four Canadians has some form of cardiovascular disease and every year more than 80,000 die from

heart disease. Although medical advances in the past decade have helped lower mortality rates, cardiovascular disease remains Canada's number one killer.

Dean Arnold Aberman of the Faculty of Medicine says the gift will

help make Toronto a leading centre in cardiac care, research and training. "This remarkable gift is a vital link in advancing the field, both nationally and internationally. The chair will not only help us to train a new generation of experts in the field, he will lead the research that will improve diagnosis, prevention and care in the future."

Man is chair of the Chung Mei Group of companies and the South China Construction Company. He has previously donated to many charities both in Hong Kong and Toronto.

Cardio Chair Created

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Jan. 2, 8:30 am - 6:00 pm
Jan. 3, 9:00 am - 5:00 pm
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CONVOCATIONS

MAKING A STATEMENT

Chancellor Hal Jackman delivers his installation address; Professor Jean Edward-Smith delivers Bush citation

EDITED BY BRUCE ROLSTON

U OF T: WE DO PROTESTS

Professor Jean Edward Smith of political science was responsible for giving the citation at the honorary degree ceremony for former U.S. president George Bush Nov. 19. As he launched into his opening remarks, excerpted below, a number of faculty colleagues left the room in protest of the degree.



M r. Chancellor, allow me to take judicial notice of campus objections to the award of today's degree.

For those unfamiliar with the university let me point out that protest is one of the things we do best. The open circulation of antagonistic ideas is the life-blood of a free university. Yale, our sister institution in New Haven, Connecticut, an institution often identified with today's recipient, openly proclaims the duty of its members to think the unthinkable, to say the unsayable and to challenge the unchallengeable. It is what sets us apart as a free society from those monolithic

regimes that permit no expression of opinion that does not conform to an official viewpoint. There are rules of civility we expect, but we place no limits on dissent.

Today's recipient may have said it best delivering the commencement address at the University of Michigan when he reminded the graduands of the importance of thinking what you will and saying what you think. "Question authority," said the president, but "conquer the temptation to assign bad motives to people who disagree with [you]."

Chancellor, may I record that I am the only member of the university community who has written a book critical of the recipient. The objections are serious. Yet they provide no basis for not proceeding as we do today. We cannot insist that every degree candidate agree with us on every matter of political import. We cannot subject every candidate to a litmus test of ideological purity.

YESTERDAY'S PROTESTER, TODAY'S CHANCELLOR

Chancellor Hal Jackman began his installation address, given in Convocation Hall Nov. 17, with a few reminiscences of what the chancellor's office meant to him when he was a student:

I can't say when I was an undergraduate the chancellor moved me in any way. I do remember, however... on one occasion I had something to do with the chancellor — in fact, it wasn't the chancellor himself, it was some of the accoutrements of the office. You will notice that chair I was sitting in is a little bit larger than the other chairs. Well, when I was in my last year at Victoria College living at Burwash Hall, it was our custom after Christmas to have our whole house's picture taken and that picture would ultimately appear in the university yearbook. And sitting in the front row centre would be the president of the house — usually sitting in a chair a little larger than anyone else's.

But we didn't have an appropriate chair. So one of the people in Middle House said, "I know where there's a big chair. Why don't we go down to Simcoe Hall and swipe the chancellor's chair" — and so we did. The next day we came down, picked up the chair, took it back to Burwash Hall, nobody at Simcoe Hall seemed to complain — they thought we were workers — but when we got it back to Burwash Hall, all hell broke loose.

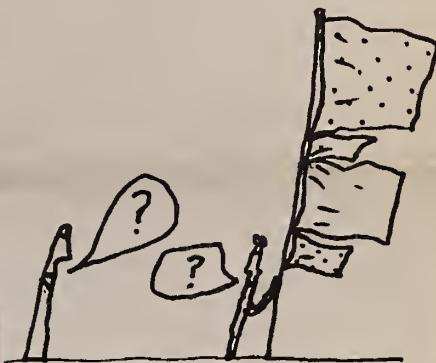
The senior tutor came and said, "You can't do that, you're being silly, you're being immature." He said, "I want you to take that chair back." We refused, we retaliated by taking the

sheets off the senior tutor's bed and raising them up the flag pole at Victoria College. The principal of Victoria College asked, "Why did you do that?" We said, "We were making a statement." And so, after 40 years, I'm not sure

exactly what statement it was we were trying to make. But I suspect the quality of social protest on the campus has a little more relevance today than it did then.

I don't want you to think that I spent all my university days doing this kind of thing — though it did seem to take quite a bit. I do remember my classes and I certainly remember some of my professors. I remember Northrop Frye teaching me English at Victoria; I remember MacGregor Dawson and Harold Innis at the old political economy department; I remember Frank Underhill and Donald Creighton in history; and I remember Caesar Wright and Bora Laskin at the law school.

I don't know whether all those names are familiar to each and every one of you but to those of us of my generation who were interested in the humanities, those names are up there with the giants. They are not with us now but in a very real sense all those men and women are very much a part of this university. When you see that sign "Great Minds for a Great Future," you really know what it means.



ON THE OTHER HAND

B Y N I C H O L A S P A S H L E Y

A CASE FOR CLASSICS

IT WAS GOOD TO SEE THE PREMIER of Ontario on campus recently, even if he had to share the stage with a former prime minister who left office with a nine per cent approval rating and a former president whose thousand points of light went unacknowledged by an ungrateful electorate that voted instead for a philandering, draft-dodging dope smoker. A dope smoker, what's more, who was too dumb to inhale, which my informants tell me is the whole point.

The premier — a fine man, a crackerjack golfer and certainly smart enough to inhale — recently made the province safe for schoolchildren by annoying their parents, teachers, vice-principals, principals and school trustees. (Since an Ontario judge decided not to issue an injunction against the rowdy schoolmarm, I've been waiting for the Harris government to shut down the courts. Surely the cabinet, when it isn't determining school curricula and shutting hospitals, can turn its hand to settling court cases as well.)

The premier has now turned his all-seeing gaze upon postsecondary education and not surprisingly he has some interesting things to say, as you'd expect from a man who used to have six toes on one foot. Mr. Harris, addressing an audience of education nabobs, said that Ontario's universities should be cutting programs that lead to minimal employment and expanding those in which our graduates can expect to find prosperity — i.e., computer stuff.

I'm not against computer stuff. This very column is being composed on a computer and many of you probably feel it would be better written were it composed by a computer. Never mind. Me, I can't get enough of Linux and Java and HTML, whatever they are.



I can imagine the premier's words casting a pall upon the good people of classics or medieval studies, however. From what I hear, no graduating medievalist in living memory has landed a job that didn't involve driving a propane-powered car with a light on the roof and a meter on the dashboard. Ditto the people who, as we speak, are worrying about the pluperfect subjunctive of some Greek verb no one has used since the Leafs were competitive.

The obvious approach to this problem is simply to cut funding to these woefully impractical fields of study. But maybe we're trying to fix the wrong problem. I mean, you could tell the classics people to switch to software engineering but I'm not sure their hearts would be in it.

What if every share transaction of the Toronto Stock Exchange had to be recorded in Latin? What if no one could become a general in the Canadian Armed Forces without reading Thucydides in Greek? What if every meeting of the new megacity council had to be preceded by the playing of the national anthem on sackbuts and flageolets? Rather than making pariahs of people with these arcane skills, let us revel in our diversity. It is up to us to create a world in which Bill Gates might feel inadequate because of his inability to discuss Beowulf. I keep hearing about computer programming languages. How about Latin? "Are you using Fenestrae VC?" "No, I'm still on Fenestrae III.I."

It's a long time since I studied Latin but a week seldom goes by that I don't think of Miss Evans and her inspirational verb charts. Surely a society that cannot find a place for its classicists has little to be proud of. And a happy New Year to you too.

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LETTERS



BUSH EMBARRASSES US ALL

George Bush's comparison of protesters at the U of T to participants in "happy hour at the Baghdad Ramada Inn" was a flip-flop remark, but it unwittingly revealed something about his world-view. His statement is reminiscent of Premier Mike Harris' characterization of Toronto protesters last year as "Iraqi and

Iranian communists." Both men sought to marginalize or dismiss protesters by identifying them with one or two unloved Middle Eastern countries. A major assumption lies behind such comments, to wit: if a person is unfortunate enough to be from Iraq or Iran, his or her views do not need to be taken seriously. Bush and Harris do not have to articulate

why; their sympathetic audiences will instinctively understand that an Iraqi or an Iranian is not "one of us"; typically he or she will have brown skin, dark hair and a name that is not derived from a familiar European language. Bush's evocation of Baghdad implies more: that such blowhards can (should?) promptly be dispatched with a well-aimed cruise missile or two.

Bush will be Bush and I am not terribly surprised that he made a remark that exposes a deep-seated (albeit subconscious) racism against non-Western, non-white peoples. But those responsible for bringing him here ought to feel embarrassed. At the very least they owe the rest of the university community a credible explanation as to why this trite, shallow figure was given an honoured platform among us. In courting the elites of our society, Simcoe Hall has perhaps lost sight of the fact that ours is a multi-hued, multi-confessional community deserving of greater respect.

JAMES REILLY
NEAR AND MIDDLE EASTERN CIVILIZATIONS

PROTEST WAS NOT NON-VIOLENT

Last week's anti-Bush demonstration was nothing short of shameful. I whole-heartedly approved of these students and professors exercising their rights to freedom of speech and association — until I left Hart House. As I left I was verbally assaulted by some protesters. Clearly the agitators were looking for some sort of scandal. They proceeded to attempt to throw punches at me and others in my group, only to have us ask them to leave us alone. However, this is not my purpose in writing.

About five minutes later as President Robert Prichard and other dignitaries left they were not only verbally attacked but their personal property, their cars, were attacked. One group of dignitaries was trapped in their vehicle outside of the Students' Administrative Council building for more than 20 minutes. During this time the supposedly non-violent protesters were beating the car with sticks, ice blocks and snowballs; they even slashed the tires. It wasn't until the arrival of the Metro and campus police that the car was freed to drive away on its flattened tires.

To these hundred or so protesters I would like to say that you went far beyond what is acceptable behaviour. I would like to see you all charged with the crimes that you committed against the people in that car on last Wednesday night. The ultimate irony in this situation is that you people all became exactly what it was that you were protesting: tyrants — violent dilettantes who had no clue. It is unfortunate that the protesters at this university were not able to stay calm, cool and collected because now the world knows them for exactly what they are: a bunch of monkeys.

SENDER MACLEAN
STUDENT, HISTORY AND POLITICAL SCIENCE

THERE ARE MANY DESERVING WOMEN

I read with dismay that all fall convocation honorary recipients

were male. Does this really have to happen in 1997 or is something very wrong with the process of selection? It seems to me that there are many, many gifted and giving women who would be eminently suitable for the honour and provide honour to the university. For instance, does Jane Jacobs have an honorary degree from U of T? Do Hazel McCallion, Michele Landsberg, Anne Golden, Barbara Hall? These women come to mind quickly; with deeper reflection, there could be many others.

BEVERLEY SIMPSON
FACULTY OF NURSING

AN ODD CHOICE

Of all the examples of the truly innovative theatre work of Robert Lepage you could have cited in your article on his honorary degree — *Needles and Opium*, *Tectonic Plates*, *The Seven Streams of the River Ota*, *Elsinore*, for instance — you only mention his co-starring in the film *Jesus of Montreal* (Four Honoured at Convocation, Nov. 24). How odd.

LYNN SLOTKIN
GEOLOGY

BALMAIN NOT AMONG FREELOADERS

In my response to Professor Keith Balmain's letter concerning the institution of the Rand formula for U of T Faculty Association fees, I argued that those who did not pay for benefits that UTFA provides are freeloaders (Letters, Nov. 10).

It turns out that I had mistakenly inferred from Balmain's letter that he was not a member of UTFA. This inference was mistaken; he is, and has been for many years, a member of UTFA. Though he was defending the right of others to be freeloaders, he himself is not among the freeloaders I was criticizing. I apologize.

FRED WILSON
PHILOSOPHY

BAINES WAS ESSENTIAL TO THE STUDY

I am writing to note that the article published in *The Bulletin* describing the study of breast self-examination carried out by members of the Department of Public Health Sciences failed to identify Professor Cornelia Baines as one of the study's investigators (Breast Exam Benefits Shown, Nov. 10).

This is an unfortunate omission because the study was made possible only because of the annual breast self-examination assessment that Baines developed and implemented while serving as the Canadian National Breast Screening Study's deputy director.

I am very grateful and indebted to Baines for the generous and insightful contributions she made throughout this investigation.

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EVENTS



LECTURES

Design, Synthesis and Testing of Cysteine Proteinase Inhibitors as Antiviral Agents.
FRIDAY, DECEMBER 12
Prof. John Vederas, University of Alberta; Apotex lecture. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*

A-Group in Nubia.
FRIDAY, DECEMBER 12
Sabrina Rampersad, Near and Middle Eastern civilizations. 142 Earth Sciences Centre. 6:30 p.m. *Society for the Study of Egyptian Antiquities*

COLLOQUIA

Ethical Issues in Social Research with Industry.
THURSDAY, DECEMBER 11
Prof. Victor Marshall, Institute for Human Development, Life Course and Aging; brown bag discussion. Dean's conference room, Medical Sciences Building. 12 noon. *UTRS and Research Office, Faculty of Medicine*



SEMINARS

Recent Advances in Genetic Marker Associations Using Nuclear Families.
FRIDAY, DECEMBER 12
Dr. Dan Schaid, Mayo Clinic. 968 Mt. Sinai Hospital. 12 noon. *Samuel Lunenfeld Research Institute*

Roles of the Receptor-like Protein Tyrosine Phosphatases PTPalpha and IAR in Cell Signalling and Hormone Secretion.
WEDNESDAY, DECEMBER 17
Dr. Catherine Pollen, National University of Singapore. 968 Mt. Sinai Hospital. 12 noon. *Samuel Lunenfeld Research Institute*

DNA Electrophoretic Sequencing: Models, Experimental Methods and Future Technologies.
WEDNESDAY, DECEMBER 17
Prof. Gary Slater, University of Ottawa. 412 Rosebrugh Building. 1:30 p.m. *Biomedical Engineering*

A Requiem for Continuing Medical Education.
THURSDAY, DECEMBER 18
Prof. Geoff Anderson, health administration, and Nancy Bennet, Harvard University; educational grand rounds. Cummings Auditorium, Women's College Hospital. 7:30 to 9 a.m.

MEETINGS & CONFERENCES

Business Board.
MONDAY, DECEMBER 8
Council Chamber, Simcoe Hall. 5 p.m.

Governing Council.
THURSDAY, DECEMBER 18
Council Chamber, Simcoe Hall. 4:30 p.m.

EXHIBITIONS

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Will Gorliz: German Version of the Three Essays Trilogy.
TO DECEMBER 19

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Bloomsbury:
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TO DECEMBER 19

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NEWMAN CENTRE
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TO JANUARY 30
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Maternity Leave Planning.
THURSDAY, DECEMBER 11
Topics covered include government forms, community resources, university policies, sibling adjustment and more. 12 noon to 2:30 p.m. Free. Registration: 978-0951. *Family Care Office*

The History of the Book in Early Canada and the Problem of Aboriginal Sign Systems.
FRIDAY, DECEMBER 12
Prof. Germaine Warkentin, English; Friday workshop series. 321 Pratt Library. 2 to 4 p.m. *Reformation & Renaissance Studies*

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January 19th, 9 a.m.

Nominations close:
January 30th, noon

Positions:

- 18 Teaching staff:
 - 1 App. Sci. & Eng.
 - 1 Arch. & Land. Arch.
 - 5 Arts & Science
 - 1 Erindale (Sciences)
 - 1 Scarborough (not Life/Phys. Sci.)
 - 1 OISE/UT (not CTL/HD&AP)
 - 1 Management
 - 4 Medicine
 - 1 Physical Education
 - 1 Social Work
 - 1 By-Election (Arts & Science)

Information and nomination forms are available from:

Susan Girard
Chief Returning Officer
Room 106 Simcoe Hall
978-8428

The membership of the Academic Board should reflect the diversity of the University.
Nominations are, therefore, encouraged of a wide variety of individuals.

RESEARCH NOTICES

For further information contact UTRS at 978-2163; <http://www.library.utoronto.ca/www/rir/bmpage>

UPCOMING DEADLINES

DECEMBER 15

American Association for Cancer Research — Gertrude Elion Cancer Research Award

Arthritis Society — research grants; research scientist, research scholar awards

Association for Canadian Studies — graduate student research travel scholarships

Lynde and Harry Bradley Foundation — research grants

Canadian Health Services Research Foundation — support for health services and training (letter of intent)

German-American Council Foundation — Transcoop Program

University of Cambridge — Corpus Christi College non-stipendiary visiting fellowships

U of T — Frist-Jus Annual Memorial Award in neuropsychopharmacology

DECEMBER 17

American Institute for Cancer Research — investigator-initiated grant program, post-doctoral awards, AICR/NCTR collaborative research grant program, matching grants program

DECEMBER 18

Canadian International Development Agency — tier 1 preliminary proposals (deadline at UTRS)

DECEMBER 31

NATO/Royal Society of Canada — fellowships, Manfred Wörner fellowship

JANUARY 6

American Musicological Society — Alfred Einstein Award

JANUARY 8

SSHRC — major collaborative research initiatives program research grants (letter of intent)

JANUARY 10

Hannah Institute — archives/museum studies medical history internships, scholarships, studentships

JANUARY 15

American Association for Cancer Research — research fellowships for clinical and post-doctoral fellows

Burroughs Wellcome Fund — programs in emerging infectious diseases

Canadian Red Cross — blood services fellowships

Clarke Institute of Psychiatry — research excellence award; Farrar Prize

Connaught Fund — McLean Award

Muscular Dystrophy Association of Canada — Arthur Minden pre-doctoral fellowship

Ontario Thoracic Society — funding for research proposals directly relevant to human respiratory health problems

Procter & Gamble — university exploratory research program

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COMMITTEES

REVIEW

MUSEUM STUDIES PROGRAM

A committee has been established to review the Museum Studies Program. Members are: Professor Donald Moggridge, vice-dean, School of Graduate Studies (chair); Professors Ken Bartlett, history; Bert Hall and Trevor Levere, Institute for the History & Philosophy of Science & Technology; Patricia Fleming, Faculty of Information Studies; Gary Crawford, anthropology; W. McA. Johnson, history of art; and Janet Paterson, associate dean, humanities, Faculty of Arts & Science; and Adrienne Galway, graduate student,

OISE/UT.

The committee will be pleased to receive submissions from interested persons until January 8. Submissions may be mailed to Professor Donald Moggridge at the School of Graduate Studies, 65 St. George St.

SEARCH

CHAIR, DEPARTMENT OF EAST ASIAN STUDIES

A search committee has been established to recommend a chair of the Department of East Asian Studies effective July 1. Members are: Dean Carl Amrhein, Faculty of Arts & Science; Professors

Rick Guisso, Leonard Priestley, Graham Sanders, Andre Schmid and Shuzo Uyenaka, East Asian studies; Heather Jackson, associate dean, Division I, School of Graduate Studies; Alexandra Johnston, English; and Janet Paterson, associate dean, humanities, Faculty of Arts & Science; and Young-Lee Ha, graduate student, and Borphan Petchsy, undergraduate student, East Asian studies.

The committee would appreciate receiving nominations and comments from interested members of the university community. These should be submitted to Dean Carl Amrhein, Room 2020, Sidney Smith Hall.

UNIVERSITY OF TORONTO

THE BULLETIN

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The Bulletin

invites readers to submit information regarding awards and honours as well as death notices of staff and faculty. Please include as much background information as possible and in the case of obituaries, a CV is especially welcome. Please send, deliver or fax the information to:

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THE PROCESS AS THE PRODUCT

Why Harold Innis can save Canada (but Marshall McLuhan can't)

BY IRSYAD MANJI

CANADA IS A COUNTRY THAT THRIVES not on polarity but on paradox: on reconciling collective and individual, centralizing and decentralizing. Pierre Trudeau personally despised the concept of a nation-state. He, in fact, accused it of "cripple[ing] civilization," and "manag[ing] to solve none of the political problems it has raised, unless by virtue of its sheer absurdity." So what did this avowed state-hater do? He set up the Foreign Investment Review Agency, nationalized the Alberta oil patches, commissioned a Charter of Rights and Freedoms and ushered in a multiculturalism policy. The man who declared that "the state has no place in the nation's bedrooms" left his fingerprints elsewhere in the house. Purists may brand it hypocrisy, but ours is too complex a country to operate on absolutes.

Indeed, that same official multiculturalism — once a sign of state muscle — has in turn inspired something of a decentralization in our mind-set, with vertical hierarchies making way for lateral networks. In Canada centralization and decentralization can happen simultaneously: unity sometimes demands that both occur at once.

And yet, in these times of Common Sense Revolutions and insistent nationalisms, the Canadian destiny debate revolves around the polarizers, not the reconcilers.

ENTER HAROLD INNIS, WHOSE THEORIES AND PRACTICE exemplified reconciliation. For convenience I call Innis an economic historian but his approach was breathtakingly broad, reconciling disciplines as different as psychology and semiotics to sketch a multi-layered narrative of how Canada evolved.

In the 1930s and 1940s Innis pioneered the "staples" thesis, a theory that has swayed development efforts the world over. Its relevance is rooted in Innis' approach: whether studying the influence of fur, fish, paper or radio — all staples of the Canadian economy — Innis unfailingly started with the question, "How did this railway, this river, this forest, get here?" Through these inquiries, Innis came to see Canada as trapped, dependent on the foreign empires that suck our resources and set the terms of manufacture. Outsourcing our development likewise constricts our domestic imaginations, sapping our creative licence and leaving the Canadian carcass to be replenished with the empires' filler. Ultimately who Canadians are depends on what others allow us to be seen as.

Innis, however, was no isolationist. His previous work told him that Canada is here precisely — and paradoxically — because of a willingness to serve imperial markets. Instead his eminently historical approach led him to seek ways of balancing what he deemed the two elements of Western progress: time and space.

Put crudely, time reflects fluidity — the inconclusiveness of conversation, the mysticism of religion, the open-endedness of poetry. Space reflects finality — land as divisible zones, journeys as mappable routes, discoveries as fodder for expansion and control. To Innis "cultural disturbances" happen when the bias of either time or space monopolizes a society. The healthy society, he believed, pursues equilibrium.

Innis saw a need to restore the lever of time to Canada. Because the fluidity of time is far more difficult to monopolize than the finality of space, he reasoned, a paradoxical country could do well with more time. Canadians should avoid finality, resist focusing on results alone: paradox, after all, requires patience.

Tell that to Preston Manning. Or Mike Harris. Or Lucien Bouchard. Or Ralph Klein. Or Glen "Today-I'd-like-to-separate" Clark. Innis was right: as long as we care more about the solution than about the historical process that necessitates it, our best efforts to understand and accommodate each other will not mature into wisdom. They might confer knowledge. They won't confer meaning.

At the same time as Canada's elite embraces results-obsessed politics, popular culture has seen a resurgence of Marshall McLuhan-mania. It makes me wonder if our



leaders are flirting with finality in part because we overlook Innis' thought for that of his more famous U of T colleague — who, unlike Innis, elevated space over time.

With his maxim, "The medium is the message," McLuhan emphasized the effects of technology. (It's noteworthy that his book of the same name is sub-titled *An Inventory of Effects*.) Take a highway. Where Innis would have asked, "How did it get here?" in order to understand its implications, McLuhan might have inquired, "What is its impact?"

That's one reason Americans adore McLuhan. Theirs is a psyche that glorifies ends over means. In *A Canada of Light*, York University's Bruce Powe reminds us that at the very moment the Fathers of Confederation began "bargaining and haggling" for a political union the American Civil War "reached an apogee of bloody mania." The American dream began with a plea for finality — "Give me liberty or give me death" — that plagues even today's most popular marketing slogan: "Just do it."

But our country, which emerged and endures because of grudging compromise, cannot "Just do it." We're constantly challenged instead to "Do it just." (Only a polity obsessed with justice would feel the field of prearranged funeral services deserved its own royal commission).

Which brings me back to McLuhan and his statement, "The medium is the message." Had he taken his clues from Innis, McLuhan might have come up with a soundbite more suited to Canada: "The process is the product."

HERE WE HAVE CHOSEN PRODUCT OVER PROCESS SINCE before Confederation. Consider Lord Durham's report on the 1837 rebellions. Leading to the political union of Upper and Lower Canada, it expressed the aim of assimilating francophones into anglophone culture. Durham's approach promoted outcomes over process and the result was more rebellion.

John A. Macdonald's hanging of Métis activist Louis Riel only fuelled the political ascent of shoot-from-the-lip Quebec nationalist Honore Mercier. Pierre Trudeau paid a comparable price for his unilateral patriation of the Constitution. And of course no record of shabby processes would be complete without some mention of Meech Lake. Most Canadians could accept its accommodations. What we rejected with righteous fury — and what infected our faith in future accommodation — was Brian Mulroney's gambling gambits. They amounted to a pressure-cooker process featuring closed-door meetings and working backwards from a contrived deadline day. It was manipulative. Canadians felt campaigned at, not negotiated with. Witness how every constitutional round since then has rhetorically emphasized "the process" as much as "the deal." (Not that they're getting it right, yet. Ralph

Klein's national unity Web sites hardly matter to the 90 per cent of Alberta households that, according to Statistics Canada, lack access to the Internet. Klein is taking McLuhan's mistake to vulgar levels, confusing the toy for the technique.)

McLuhan's defenders might argue that I'm not "doing it just" by reducing their guy to a single statement and, moreover, reducing a statement of such ambiguity to only one of many possible meanings. But what, then, to make of the space-bias in his other, less pithy, statements? Like this one from McLuhan's posthumously published book, *The Global Village*:

"Canada could become an enormous psychic theme park, something like a Hollywood set that simultaneously links the past with the present, the city with the wilderness."

Was McLuhan merely frolicking in irony? Fooling around with what it means to be marginal in a weird, wired world? Maybe so. Or maybe the notion of a northern theme park really *didn't* bother him. Possibly because of his ardent belief that borders matter less and less (thereby nullifying national ties), McLuhan accepted the outsourcing of our nationhood to southern studios.

His space-bias bred more earnest assumptions, which strike me as equally flimsy. For example, McLuhan heralded the dissolution of prejudice in a Silicon Age. "Today," he wrote in 1964, "computers hold out the promise [for] instant translation of any code or language into any other code or language. The computer, in short, promises by technology a Pentecostal condition of universal understanding and unity."

But "universal understanding and unity?" Where? And from where did McLuhan get such fairy dust?

McLuhan's myopia lay in downplaying the politicization of process. In *The Global Village* he gushed that "Canadians experiment with technology all over the world, but rarely adopt any technical strategem broadly." He cited our courting of various phone companies as an example, pointing out that we staunchly "resist... AT&T's efforts to standardize all teletext transmission equipment."

That was then. Today AT&T enjoys special status in Canada. By relocating its head office from Toronto to Halifax, AT&T has taken advantage of Nova Scotia law to reincorporate as a limited liability company. Such status allows the Canadian branch to avoid Canadian income tax, patriating its profits to the parent company in New York. Writing off losses in Canada as foreign investment by an American multinational makes it easy to offer us 25 per cent off at all times and squeeze out rival phone companies.

This is the puppeteering of process that McLuhan and his acolytes neglect; they confuse the corporation's freedom to advance — space — with the public's freedom to experiment — time. Through AT&T's drive to increase market share, the public has lost the choices with which to experiment.

I fear a parallel between this growing bias towards space and the hardening of our cultural divides — provincial, partisan, ethnic or otherwise. When technological networks displace territorial boundaries, people are thrown into uncertainty. So we seek assurance, any assurance, from just about anywhere. Thus the explosion of religious, racial, tribal and ideological fundamentalisms in the late 20th century. They're defensive reflexes.

So Mr. McLuhan, "universal understanding and unity?" Not when reflex trumps reflection, bolstering the mental and emotional barricades that incarcerate imaginations, promote agendas over vision and leave belonging with barely a fighting chance. By inhaling the fairy dust of McLuhan-mania, we're overlooking the value of Innisian process, making unity, like technology, just more filler for sale.

Irshad Manji, a journalist with Vision TV and author of Risking Utopia: On the Edge of a New Democracy gave this year's Harold Innis Memorial Lecture at Innis College Nov. 6.

STEVE MANDAY